

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80003

Participation : CTR

Employer : US Federal Aviation Administration

Status : Affected

Worksite : FAA

Survey Type : Online

Street : 2200 S 216th Street Northwest Mtn. Regions

Response Rate : 36%

Jurisdiction : City of Des Moines

Survey Date : 6/25/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 39.4%

Drive Alone Rate : 60.6%

One-Way VMT per employee : 14.2

Average One-Way distance home to work : 22.3

Employees and Survey Response Information

Reported Total Employees at Worksite : 1,250

Surveys Distributed : 1,250

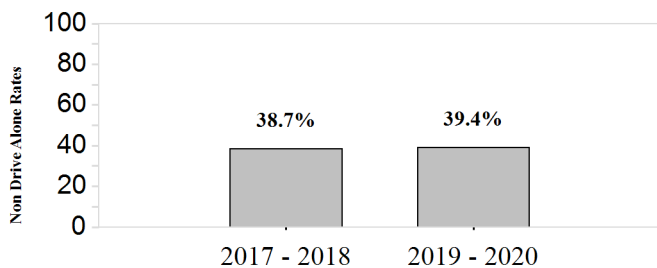
Surveys Returned : 446

Surveys Returned by CTR Affected* Employees : 433

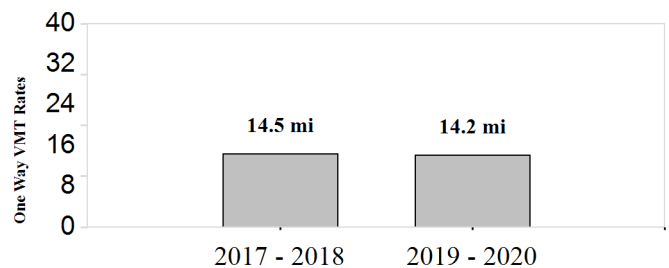
Total Estimated CTR Affected Employees at Worksite : 1,214

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

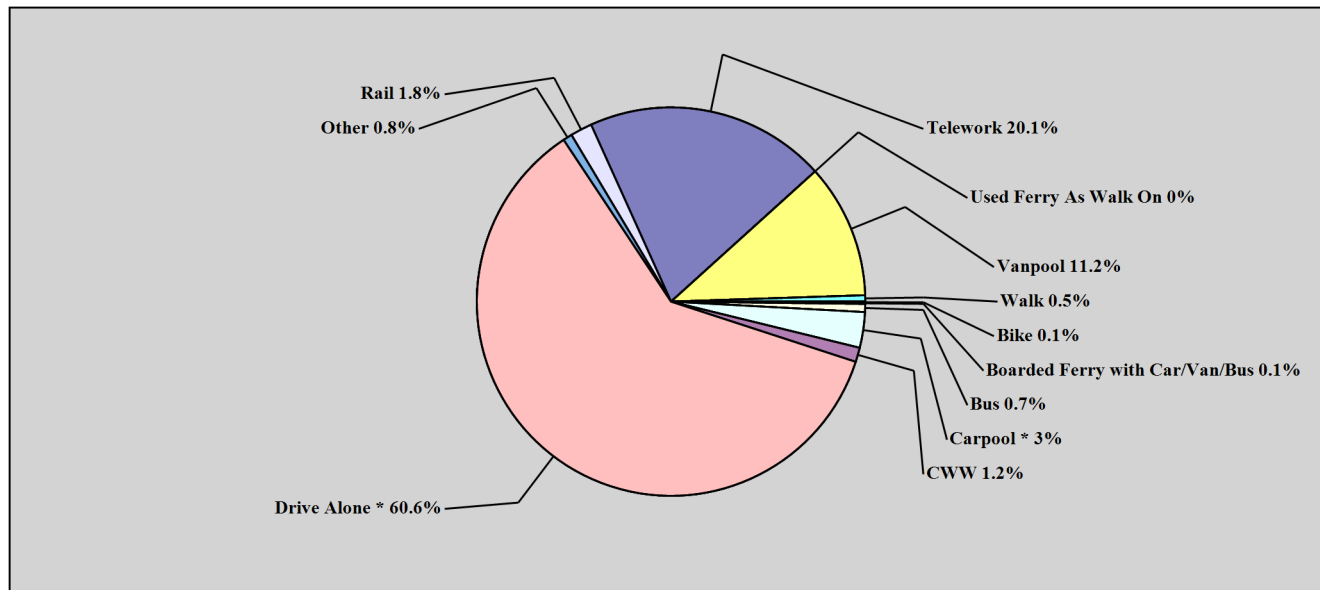
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	38.7%	39.5%	1544	3784	26.7	14.5	14.3
2019 - 2020	39.4%	40.0%	1322	3705	26.1	14.2	14.2
Target	44.7%				Target:	11.9	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	0.7				% Change from Baseline:	-2.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



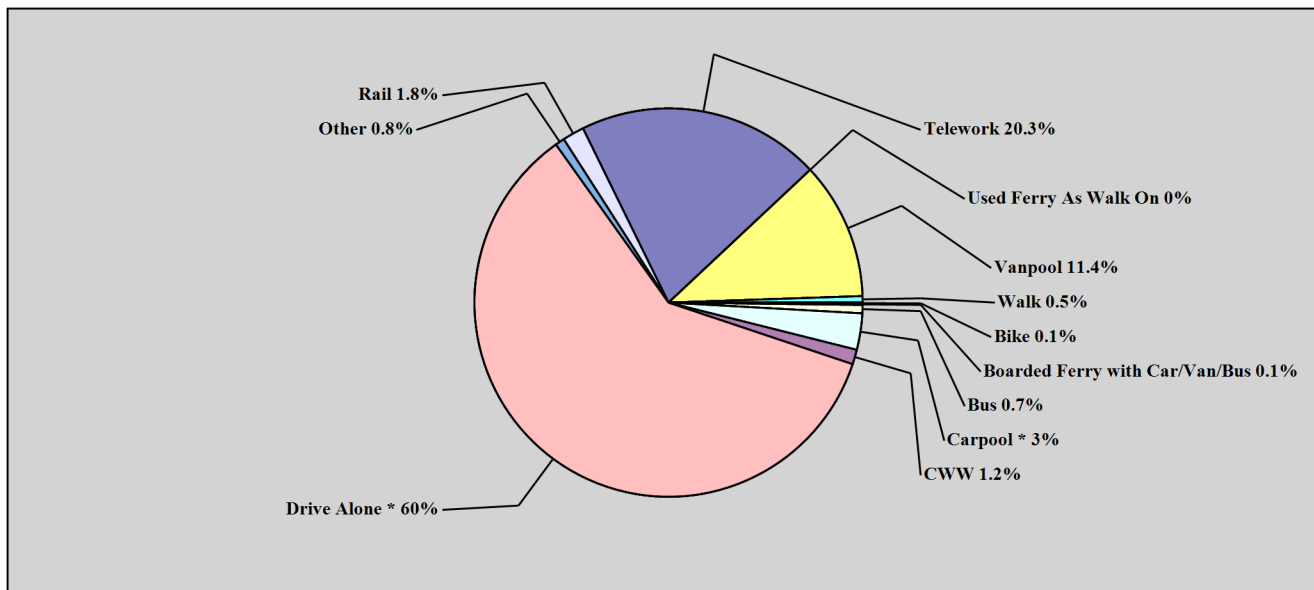
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,270	60.6%	61.3%	342	76.7%	76.2%
Carpool *	62	3.0%	4.0%	24	5.4%	6.3%
Vanpool	234	11.2%	11.9%	70	15.7%	16.8%
Bus	14	0.7%	0.8%	4	0.9%	1.2%
Rail	38	1.8%	1.9%	10	2.2%	2.8%
Bike	2	0.1%	0.5%	2	0.4%	1.4%
Walk	11	0.5%	0.4%	3	0.7%	0.7%
Telework	420	20.1%	17.3%	200	44.8%	41.7%
CWW	25	1.2%	1.0%	23	5.2%	4.0%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.2%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	16	0.8%	1.0%	6	1.3%	2.6%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,227	60.0%	60.5%	331	76.4%	75.8%
Carpool *	62	3.0%	4.1%	24	5.5%	6.5%
Vanpool	234	11.4%	12.3%	70	16.2%	17.4%
Bus	14	0.7%	0.8%	4	0.9%	1.3%
Rail	37	1.8%	1.8%	9	2.1%	2.7%
Bike	2	0.1%	0.5%	2	0.5%	1.4%
Walk	11	0.5%	0.4%	3	0.7%	0.7%
Telework	415	20.3%	17.5%	197	45.5%	42.1%
CWW	25	1.2%	1.0%	23	5.3%	4.2%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.2%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	16	0.8%	1.0%	6	1.4%	2.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	181	41%	446	100%
1 Days	54	12%	265	59%
2 Days	60	13%	211	47%
3 Days	38	9%	151	34%
4 Days	34	8%	113	25%
5 Days	76	17%	79	18%
6 or More Days	3	1%	3	1%

Count by Occupancy of Carpools and Vanpools

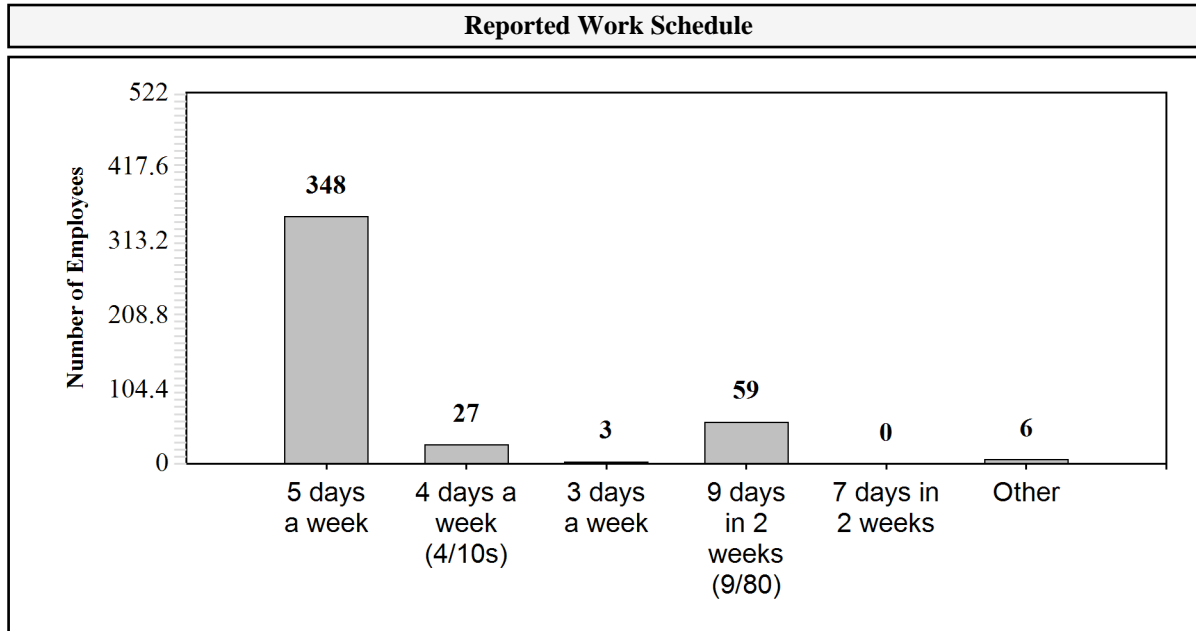
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	43
3	Carpool	7
4	Carpool	0
5	Carpool	7
>5	Carpool	5
<5	Vanpool	104
5	Vanpool	62
6	Vanpool	30
7	Vanpool	22
8	Vanpool	5
9	Vanpool	3
10	Vanpool	8
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

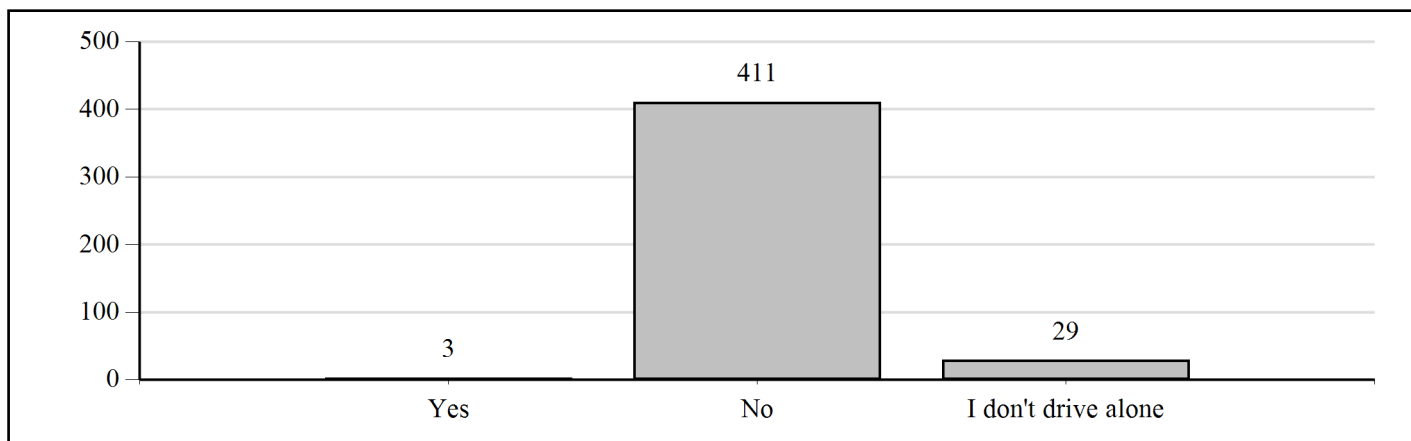
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	348	78.6%
4 days a week (4/10s)	27	6.1%
3 days a week	3	0.7%
9 days in 2 weeks (9/80)	59	13.3%
7 days in 2 weeks	0	0%
Other	6	1.4%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	4	0.9%
I don't telework	74	16.6%
Occasionally, on an as-needed basis	105	23.5%
1-2 days/month	38	8.5%
1 day/week	67	15.0%
2 days/week	99	22.2%
3 days/week	59	13.2%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	184	22.2%
To save money	128	15.5%
Free or subsidized bus, train, vanpool pass or fare benefit	107	12.9%
To save time using the HOV lane	84	10.2%
Other	73	8.8%
Personal health or well-being	71	8.6%
Environmental and community benefits	69	8.3%
Financial incentives for carpooling, bicycling or walking.	50	6.0%
Driving myself is not an option	25	3.0%
Emergency ride home is provided	20	2.4%
Cost of parking or lack of parking	9	1.1%
Preferred/reserved carpool/vanpool parking is provided	7	0.8%
I receive a financial incentive for giving up my parking space	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	296	29.2%
I like the convenience of having my car	253	25.0%
Family care or similar obligations	158	15.6%
Other	119	11.7%
My commute distance is too short	89	8.8%
Bicycling or walking isn't safe	59	5.8%
I need more information on alternative modes	25	2.5%
My job requires me to use my car for work	13	1.3%
There isn't any secure or covered bicycle parking	2	0.2%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98038	25	5.61%	57	1	30	0	0	0	0	0	24	2	0	0	0
98092	18	4.04%	62	2	4	0	0	0	0	0	16	0	0	0	0
98059	14	3.14%	53	0	0	0	0	0	0	0	6	0	0	0	0
98374	14	3.14%	10	0	25	0	0	0	0	0	24	0	0	0	0
98031	13	2.91%	40	0	3	0	0	0	0	0	17	0	0	0	0
98058	12	2.69%	37	2	0	0	0	0	0	0	17	1	0	0	0
98001	11	2.47%	33	0	0	0	6	0	0	0	9	1	0	0	0
98391	11	2.47%	38	8	3	0	0	0	0	0	6	1	0	0	0
98023	9	2.02%	27	0	5	0	0	0	0	0	10	0	0	0	0
98030	9	2.02%	34	0	0	0	0	0	0	0	8	1	0	0	0
98042	9	2.02%	27	0	3	0	0	0	0	0	9	0	0	0	5
98056	9	2.02%	44	0	0	0	0	0	0	0	2	0	0	0	0
98338	9	2.02%	13	3	9	0	0	0	0	0	19	0	0	0	0
98055	8	1.79%	33	0	0	0	0	0	0	0	8	0	0	0	0
98166	8	1.79%	36	0	0	2	0	0	0	0	4	0	0	0	0
98178	8	1.79%	26	2	0	0	0	9	0	0	2	0	0	0	1
98003	7	1.57%	22	4	0	0	0	0	0	0	5	1	0	0	0
98022	6	1.35%	11	0	10	0	0	0	0	0	7	2	0	0	0
98116	6	1.35%	19	2	0	0	0	0	0	0	3	0	0	0	0
98198	6	1.35%	18	0	0	0	5	0	0	4	3	0	0	0	0
98360	6	1.35%	16	0	3	0	0	0	0	0	9	2	0	0	0
98387	6	1.35%	11	0	10	0	0	0	0	0	6	1	0	0	0
98422	6	1.35%	19	3	0	1	0	0	1	0	6	0	0	0	0
98002	5	1.12%	18	0	0	0	0	0	0	0	6	0	0	0	0
98032	5	1.12%	18	0	0	0	0	0	0	0	2	1	0	0	0
98075	5	1.12%	18	0	3	0	0	0	0	0	4	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98118	5	1.12%	20	0	0	0	0	0	0	0	2	0	0	0	0
98321	5	1.12%	17	3	0	0	0	0	0	0	4	0	0	0	0
98332	5	1.12%	10	0	10	0	0	0	0	2	0	1	0	0	0
98371	5	1.12%	20	0	0	0	0	0	0	0	3	1	0	0	0
98372	5	1.12%	2	0	13	0	0	0	0	0	6	0	0	0	0
98012	4	0.90%	2	0	12	0	0	0	0	0	5	0	0	0	0
98029	4	0.90%	11	0	0	1	0	4	0	0	1	1	0	0	0
98057	4	0.90%	17	2	0	0	0	0	0	0	0	1	0	0	0
98117	4	0.90%	10	6	0	0	0	0	0	0	4	0	0	0	0
98125	4	0.90%	7	0	9	0	0	0	0	0	3	1	0	0	0
98168	4	0.90%	17	0	0	0	0	0	0	0	2	0	0	0	0
98373	4	0.90%	18	0	0	0	0	0	0	0	2	0	0	0	0
98390	4	0.90%	15	0	3	0	0	0	0	0	1	0	0	0	1
98407	4	0.90%	15	0	0	0	0	0	0	0	4	1	0	0	0
98004	3	0.67%	6	2	0	0	0	0	0	0	6	0	0	0	0
98006	3	0.67%	15	0	0	0	0	0	0	0	0	0	0	0	0
98040	3	0.67%	8	0	0	0	0	5	0	0	2	0	0	0	0
98106	3	0.67%	14	0	0	0	0	0	0	0	0	1	0	0	0
98115	3	0.67%	12	0	0	0	0	0	0	0	3	0	0	0	0
98122	3	0.67%	7	0	0	0	0	5	0	0	2	1	0	0	0
98136	3	0.67%	13	0	0	0	0	0	0	0	2	0	0	0	0
98146	3	0.67%	9	0	0	0	0	0	0	0	5	0	0	0	0
98203	3	0.67%	3	0	4	0	0	0	1	0	7	0	0	0	0
98367	3	0.67%	2	0	4	0	0	0	0	0	1	0	2	0	5
98388	3	0.67%	8	0	1	0	0	4	0	0	1	0	0	0	0
98404	3	0.67%	14	0	0	0	0	0	0	0	1	0	0	0	0
98405	3	0.67%	11	2	0	0	0	0	0	0	3	0	0	0	0
98503	3	0.67%	4	0	6	0	0	0	0	0	5	0	0	0	0
	2	0.45%	2	0	0	0	0	0	0	0	3	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98007	2	0.45%	0	0	4	0	0	0	0	0	0	1	0	0	0
98020	2	0.45%	3	0	0	0	0	0	0	0	5	0	0	0	0
98027	2	0.45%	0	1	2	0	0	0	0	0	0	0	0	0	0
98033	2	0.45%	9	0	0	0	0	0	0	0	1	0	0	0	0
98037	2	0.45%	5	0	0	0	0	0	0	5	0	0	0	0	0
98045	2	0.45%	0	0	5	0	0	0	0	0	5	0	0	0	0
98052	2	0.45%	5	0	0	0	0	0	0	0	1	0	0	0	0
98072	2	0.45%	5	0	4	0	0	0	0	0	1	0	0	0	0
98074	2	0.45%	1	0	2	0	0	0	0	0	2	0	0	0	0
98087	2	0.45%	11	0	0	0	0	0	0	0	0	0	0	0	0
98102	2	0.45%	11	0	0	0	0	0	0	0	1	0	0	0	0
98107	2	0.45%	7	0	0	0	0	0	0	0	1	3	0	0	0
98108	2	0.45%	7	0	0	0	0	1	0	0	2	0	0	0	0
98109	2	0.45%	5	0	0	0	0	5	0	0	0	0	0	0	0
98126	2	0.45%	10	0	0	0	0	0	0	0	0	0	0	0	0
98177	2	0.45%	8	0	0	0	0	1	0	0	1	0	0	0	0
98188	2	0.45%	10	0	0	0	0	0	0	0	0	0	0	0	0
98223	2	0.45%	5	0	0	0	0	0	0	0	5	0	0	0	0
98258	2	0.45%	2	0	1	0	0	0	0	0	3	0	0	0	0
98275	2	0.45%	1	0	1	0	0	0	0	0	8	0	0	0	0
98290	2	0.45%	4	0	4	0	0	0	0	0	2	0	0	0	0
98335	2	0.45%	5	0	0	0	0	0	0	0	5	0	0	0	0
98375	2	0.45%	0	0	8	0	0	0	0	0	2	0	0	0	0
98443	2	0.45%	2	2	0	0	0	0	0	0	5	0	0	0	0
98446	2	0.45%	7	0	0	0	0	0	0	0	2	0	0	0	0
98466	2	0.45%	8	0	0	0	0	0	0	0	1	0	0	0	0
98498	2	0.45%	5	0	0	0	3	0	0	0	0	0	0	0	0
98005	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98011	1	0.22%	1	0	2	2	0	0	0	0	0	0	0	0	0
98014	1	0.22%	1	1	2	0	0	0	0	0	0	0	0	0	0
98028	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.22%	4	0	0	0	0	0	0	0	1	0	0	0	0
98036	1	0.22%	0	0	4	0	0	0	0	0	1	0	0	0	0
98043	1	0.22%	0	0	2	0	0	0	0	0	0	0	0	0	0
98047	1	0.22%	3	2	0	0	0	0	0	0	0	0	0	0	0
98053	1	0.22%	3	0	0	0	0	0	0	0	2	0	0	0	0
98105	1	0.22%	0	0	2	0	0	0	0	0	3	0	0	0	0
98112	1	0.22%	4	0	0	0	0	0	0	0	0	0	0	0	0
98119	1	0.22%	1	0	0	0	0	0	0	0	4	0	0	0	0
98121	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98148	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.22%	3	0	0	0	0	0	0	0	2	0	0	0	0
98199	1	0.22%	3	0	0	0	0	0	0	0	2	0	0	0	0
98201	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98204	1	0.22%	0	0	3	0	0	0	0	0	2	0	0	0	0
98270	1	0.22%	0	0	5	0	0	0	0	0	0	0	0	0	0
98294	1	0.22%	0	0	0	0	0	0	0	0	5	0	0	0	0
98296	1	0.22%	0	0	3	0	0	0	0	0	2	0	0	0	0
98312	1	0.22%	1	4	0	0	0	0	0	0	0	0	0	0	0
98329	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98351	1	0.22%	0	0	5	0	0	0	0	0	0	0	0	0	0
98359	1	0.22%	1	2	0	0	0	0	0	0	2	0	0	0	0
98366	1	0.22%	2	0	0	0	0	0	0	0	3	0	0	0	0
98406	1	0.22%	3	0	0	0	0	0	0	0	1	0	0	0	0
98418	1	0.22%	0	4	0	0	0	0	0	0	0	0	0	0	0
98424	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98465	1	0.22%	0	4	1	0	0	0	0	0	0	0	0	0	2



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98499	1	0.22%	0	0	0	0	0	0	0	0	0	0	0	0	0
98502	1	0.22%	0	0	2	0	0	0	0	0	3	0	0	0	0
98506	1	0.22%	1	0	0	0	0	0	0	0	4	0	0	0	0
98512	1	0.22%	0	0	2	0	0	0	0	0	3	0	0	0	0
98513	1	0.22%	2	0	0	0	0	0	0	0	3	0	0	0	0
98516	1	0.22%	0	0	0	0	0	4	0	0	0	0	0	0	0
98524	1	0.22%	0	0	0	0	0	0	0	0	3	0	0	0	0
98532	1	0.22%	0	0	0	2	0	0	0	0	2	0	0	0	0
98580	1	0.22%	3	0	0	0	0	0	0	0	2	0	0	0	0
98589	1	0.22%	1	0	0	0	0	0	0	0	4	0	0	0	0
99202	1	0.22%	0	0	0	0	0	0	0	0	3	0	0	0	2